

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A method of a plasmon enhanced body treatment or bacterial management comprising steps of: providing a composition nanoparticle capable of changing a property of to treat a biological substance; when the composition nanoparticle comprising is excited by a plasmon source and a plasmon excited nanoparticle; embedding the nanoparticle to the biological substance; exciting the nanoparticle by the plasmon source; and allowing an object containing the biological substance to interact with the composition nanoparticle.
2. (Previously presented) The method of claim 1, wherein the biological substance is selected from a group consisting of: biomolecule, tissue, skin, cells, body organs, bacteria, virus, pathogen, biochemical warfare agent, human body or animal body.
3. Cancelled
4. Cancelled
5. (Previously presented) The method of claim 1, wherein the nanoparticle is a metal, metallic salt, electric conductor, electric superconductor or electric semiconductor.
6. (Previously presented) The method of claim 5, wherein the metal is selected from a group consisting of silver, ruthenium, platinum, rhenium, rhodium, osmium, iridium, copper, zinc, nickel, chromium magnesium, iron, palladium, gold, titanium, titanium dioxide, silver nitrate, alkaline earth metal, gold, copper, silver oxide or silver ion.
7. (Previously presented) The method of claim 1, wherein the nanoparticle is uncoated or coated with a material selected from the group of: biorecognitive, bioactive, dielectric, chemorecognitive, chemical active, polymer, environmentally sensitive polymer or polymer containing drug.

8. Canceled

9. (Previously presented) The method of claim 1, wherein the nanoparticle size is in a range of 0.1 nm to 200,000 nm in at least one of the dimensions.

10. (Previously presented) The method of claim 1, wherein the nanoparticles is a thin film, colloid, fiber, metal island or nanowire.

11-15. Canceled

16. (Previously presented) The method of claim 1, is used in a joints treatment, tissue treatment, cosmetic treatment, cosmetic prevention, rejuvenating treatment, therapy treatment, bacterial disease treatment, antibacterial treatment, virus treatment, cancer treatment, biostimulation treatment, antiodor treatment, sun prevention treatment, sunburn treatment, skin burn treatment, wound treatment or antiinflammation treatment.

17. Cancelled

18. Cancelled

19. Cancelled

20. (Previously presented) The method of claim 1, wherein the plasmon source is selected from the group of energy sources: electromagnetic, sonic, electric, magnetic or ionized radiation.

**Listing of Claims:**

1. A method of a plasmon enhanced body treatment or bacterial management comprising steps of: providing a nanoparticle capable to treat a biological substance when the nanoparticle is excited by a plasmon source; embedding the nanoparticle to the biological substance; exciting the nanoparticle by the plasmon source; and allowing the biological substance to interact with the nanoparticle.
2. The method of claim 1, wherein the biological substance is selected from a group consisting of: biomolecule, tissue, skin, cells, body organs, bacteria, virus, pathogen, biochemical warfare agent, human body or animal body.
3. – 4. Cancelled
5. The method of claim 1, wherein the nanoparticle is a metal, metallic salt, electric conductor, electric superconductor or electric semiconductor.
6. The method of claim 5, wherein the metal is selected from a group consisting of silver, ruthenium, platinum, rhenium, rhodium, osmium, iridium, copper, zinc, nickel, chromium magnesium, iron, palladium, gold, titanium, titanium dioxide, silver nitrate, alkaline earth metal, gold, copper, silver oxide or silver ion.
7. The method of claim 1, wherein the nanoparticle is uncoated or coated with a material selected from the group of: biorecognitive, bioactive, dielectric, chemorecognitive, chemical active, polymer, environmentally sensitive polymer or polymer containing drug.
8. Canceled
9. The method of claim 1, wherein the nanoparticle size is in a range of 0.1 nm to 200,000 nm in at least one of the dimensions.
10. The method of claim 1, wherein the nanoparticles is a thin film, colloid, fiber, metal island or nanowire.

11. – 15. Canceled

16. The method of claim 1, is used in a joints treatment, tissue treatment, cosmetic treatment, cosmetic prevention, rejuvenating treatment, therapy treatment, bacterial disease treatment, antibacterial treatment, virus treatment, cancer treatment, biostimulation treatment, antiodor treatment, sun prevention treatment, sunburn treatment, skin burn treatment, wound treatment or antiinflammation treatment.

17. – 19. Cancelled

20. The method of claim 1, wherein the plasmon source is selected from the group of energy sources: electromagnetic, sonic, electric, magnetic or ionized radiation.